Fig. 1

launch CD-burning software — 10

window for CD-burning software appears — 12

drag and drop files and/or folders from desktop onto the window for CD-burning software — 14

user selects "burn" command — 16

software prompts user to insert a blank CD-R disk in the CD-R drive — 18

system burns CD-R (writing files and/or folders onto blank CD-R) and ejects CD-R disk — 20

FIG. 2

101

Cache 104

Microprocessor 103

ROM 107

Volatile RAM 105

Nonvolatile Memory (e.g. Hard Drive) 106

102

Display controller + Display Device 108

I/O Controller(s) 109

Drive Controller 112

I/O Device(s) (e.g. mouse, or keyboard, or modem, or network interface, or printer) 110
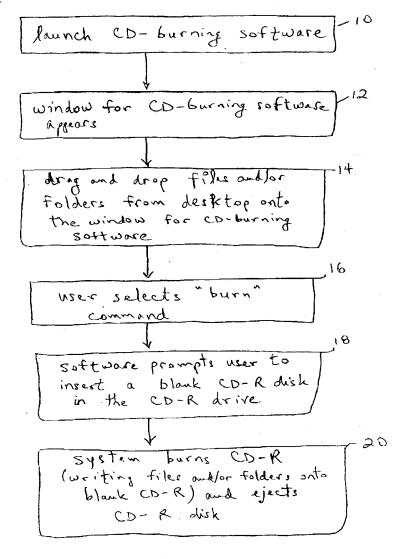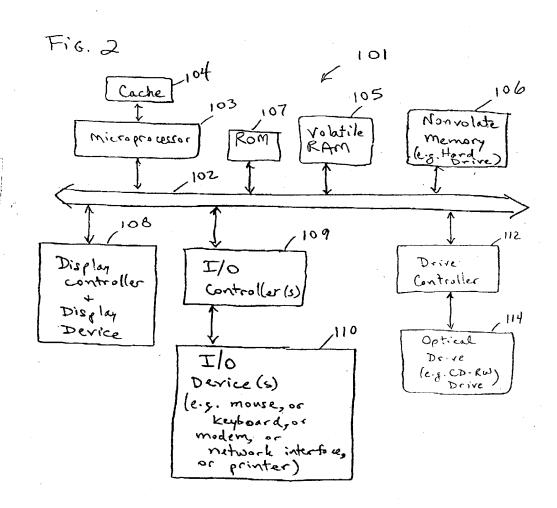
Optical Drive (e.g. CD-RW) Drive 114

Fig. 3

Insert blank optical media in drive — 151

Display mounted media icon on "desktop" of file management software's graphical user interface — 153

manipulate files and/or folders (and data generally) relative to icon (e.g. drag data files onto icon, etc.) — 155
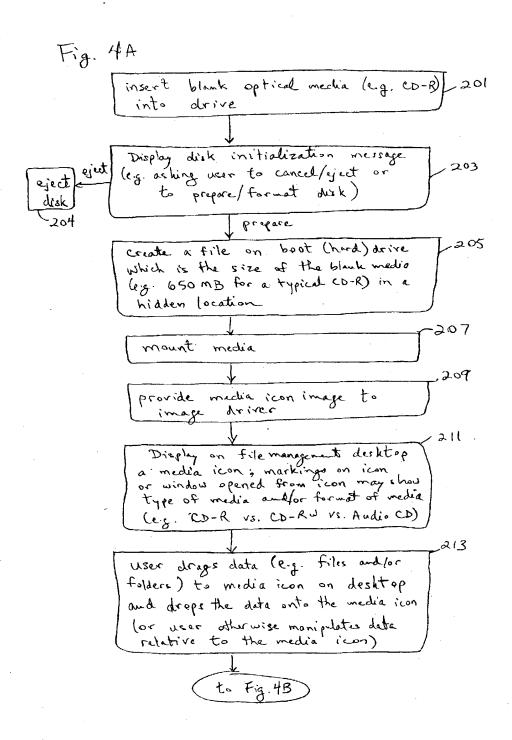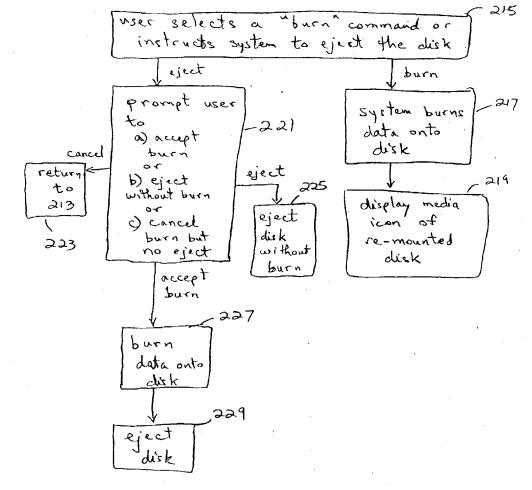
eject media from drive — 157

Fig. 4A

insert blank optical media (e.g. CD-R) into drive —201

Display disk initialization message (e.g. asking user to cancel/eject or to prepare/format disk) —203

eject disk —204 ←eject←

prepare

create a file on boot (hard) drive which is the size of the blank media (e.g. 650 mB for a typical CD-R) in a hidden location —205

mount media —207

provide media icon image to image driver —209

Display on file management desktop a media icon; markings on icon or window opened from icon may show type of media and/or format of media (e.g. CD-R vs. CD-RW vs. Audio CD) —211

user drags data (e.g. files and/or folders) to media icon on desktop and drops the data onto the media icon (or user otherwise manipulates data relative to the media icon) —213

to Fig. 4B

Fig. 4B

user selects a "burn" command or instructs system to eject the disk — 215

eject

burn

prompt user to
a) accept burn
or
b) eject without burn
or
c) cancel burn but no eject — 221

cancel

return to 213 — 223

eject — 225

eject disk without burn

system burns data onto disk — 217

display media icon of re-mounted disk — 219

accept burn

burn data onto disk — 227

eject disk — 229

Fig. 5

desktop
file management
software
with GUI

CD-R and
CD-RW
driver software
and burn
software

Disk
Operating
System

media file (with
content to be burnt
onto optical media)